

CLAIMS:

1. A storage container comprising:

a rigid tub (14) having a rim surface;

a rigid lid (11);

5 a flexible seal film (15) forming a seal between the tub (14) and the lid (11) on the rim surface; and

one or more restraining ribs (12a-12b) disposed on the lid (11) and jutting out from the lid (11) towards the tub (14), at least one of said one or more restraining ribs (12a) to press against the seal film (15) as the seal film (15) expands due to changes in ambient conditions.

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2. The container according to claim 1, wherein at least one of the one or more ribs (12a) applies pressure against the seal film (15) along a curve just inside a perimeter of the seal film (15).

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3. The container according to claim 1, wherein at least one of the one or more ribs (12a) applies pressure against the seal film (15) to maintain some portion of the seal film (15) at or below a plane formed by the rim surface.

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4. The container according to claim 1, wherein the one or more ribs (12a) comprise at least two ribs (12a-b), and the at least two ribs (12a-b) apply pressure against the seal film (15) along two lines just before where the seal film (15) meets the rim surface.

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5. The container according to claim 1, wherein the one or more ribs (12a) comprise at least two ribs (12a-b), and at least two ribs (12a-b) apply pressure against the seal film (15) to maintain some portion of the seal film (15) at or below a plane formed by the rim surface.

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6. The container according to claim 1, wherein the one or more ribs (12a) run continuous along a length of the lid (11).

7. The container according to claim 1, wherein each of the one or more ribs (12a) forms a closed curve substantially similar in shape to a curve formed by the rim surface.

5 8. The container according to claim 1, wherein each of the one or more ribs (12a) forms a non-contiguous curve.

9. The container according to claim 1, wherein each of the one or more ribs (12a) comprises a staggered set of ribs.

10 10. The container according to claim 1, further comprising electrode pads for use with an automatic external defibrillator disposed inside the tub (14).

11. The container according to claim 1, wherein the container is used to store one or more of the following: medicine, pills, food, and medical disposables.

15 12. The container according to claim 1, wherein the lid (11) is firmly attachable to the tub (14).

13. An apparatus for storing electrode pads for an automatic external defibrillator comprising:

a container (14) having a rim surface;

a lid (11);

a flexible seal film (15) forming a seal between the container (14) and the lid (11) on the rim surface; and

25 at least one continuous rib (12a) disposed on the lid (11) and extending out from the lid (11) towards the container (14) and below a plane of the rim surface, said at least one continuous rib (12a) to press against the seal film as the seal film expands due to changes in ambient conditions.

30 14. The apparatus according to claim 13, wherein said at least one rib (12a) applies pressure against the film (15) along a curve just inside a perimeter of the seal film (15).

15. The apparatus according to claim 13, wherein said at least one rib (12a) applies pressure against the film (15) to press the film (15) below the plane formed by the rim surface.

5 16. The apparatus according to claim 13, further comprising at least two ribs (12a-b), wherein the at least two ribs (12a-b) apply pressure against the seal film (15) along two lines just before where the film (15) attaches to the rim surface.

10 17. The apparatus according to claim 13, further comprising at least two ribs (12a-b), wherein the at least two ribs (12a-b) apply pressure against the seal film (15) to press the seal film (15) below a plane formed by the rim surface.

15 18. The apparatus according to claim 13, wherein the at least one rib (12a) runs continuous along a length of the lid (11).

19. The apparatus according to claim 13, wherein each of the one or more ribs (12a) forms a closed curve substantially similar in shape to a curve formed by the rim surface.

20 20. The apparatus according to claim 13, wherein each of the one or more ribs (12a) forms a non-contiguous curve.

21. The apparatus according to claim 13, wherein each of the one or more ribs (12a) comprises a staggered set of ribs.

25 22. The apparatus according to claim 13, further comprising electrode pads for use with an automatic external defibrillator disposed inside the tub (14).

30 23. An apparatus comprising:
a sealed tray (14) including a film (15) forming a seal over the tray (14); and
a lid (11) to be placed on the sealed tray (14), said lid (11) including one or more restraining ribs (12a) jutting out from one side of the lid (11), at least one of said one or

more restraining ribs (12a) to press against the film (15) as the film (15) expands due to changes in ambient conditions.